



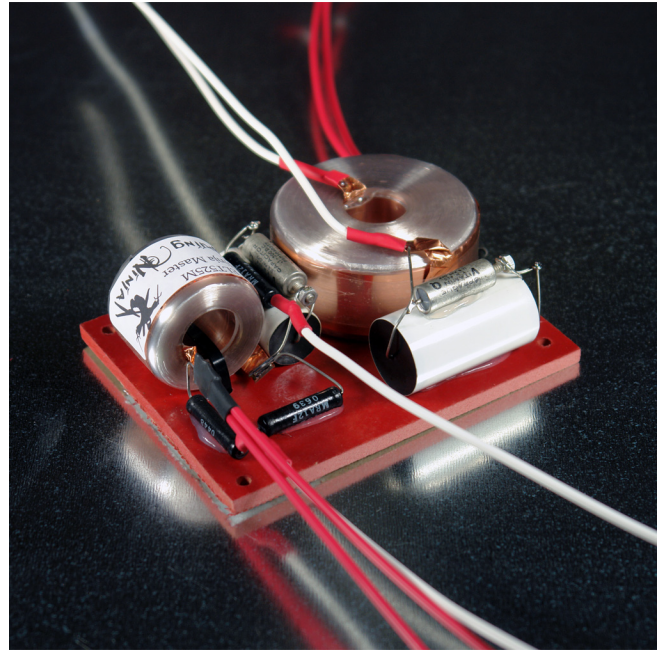
SKIINGNINJA

Wellington, Colorado
www.skiingninja.com
Emergency Tech Support:
720.335.2261

What's Included?

- Ninja Master Networks
- Ninja Speaker Labels
- Silver SPAX Screws
- Custom Board Stand-offs
- Copper Connectors
- Heat Shrink Tubing

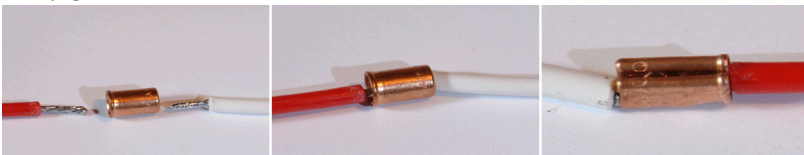
Kit Type
**Copper
Connectors**



ELT525 NINJA MASTER

- 1 **T**o begin, unscrew the tweeter. Clip the wires as close to the connection point on the crossover as you can.
- 2 **U**nscrew the woofer and set it on the table in front of you. Clip the wires as close to the connection point on the crossover as you can.
- 3 **U**nscrew the existing crossover and clip the wires for the IN+ and IN- (binding posts) as close to the connection point on the crossover as you can. Remove the crossover from the cabinet.
- 4 **S**et the small round stand-offs under each corner of the new crossover. Adhere them with super glue or hot melt glue to make installation easier.
- 5 **S**et the new crossover in the cabinet in roughly the same spot as the original. The size is different so precision is not required here.

(fig.1)



Important!

This guide begins with the Monitor. All procedures are the same except for variations for the center and tower. Information on those speakers can be found at the end of the guide.

Tools you will need:

- Crimper
- Stubby Philips Head #2 Screw-driver
- Wire stripper
- 3mm or 1/8" Allen wrench or T20 Torx (depends on time of production)

Helpful Hint:

This guide assumes you have some knowledge on the use of the required tools and that you understand that we are not responsible for damaged incurred. If you do not feel comfortable crimping or using the other tools required, please contact us for another kit more suited for your skill level.

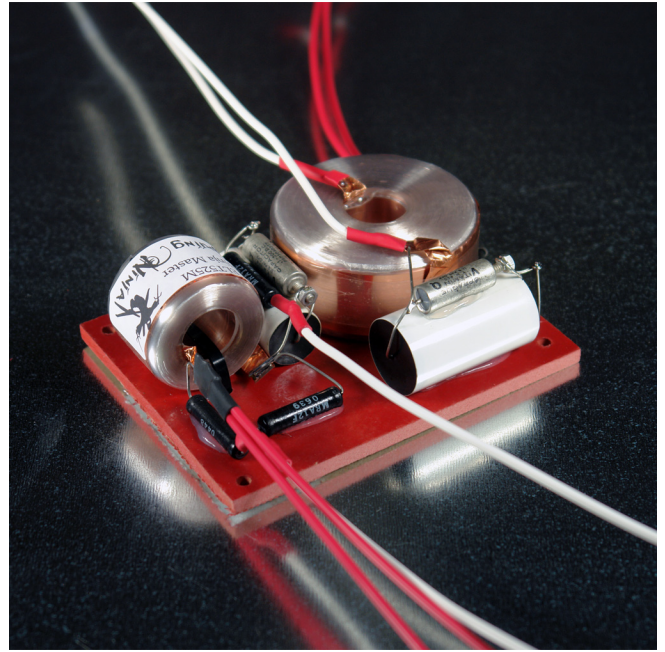
Need help?

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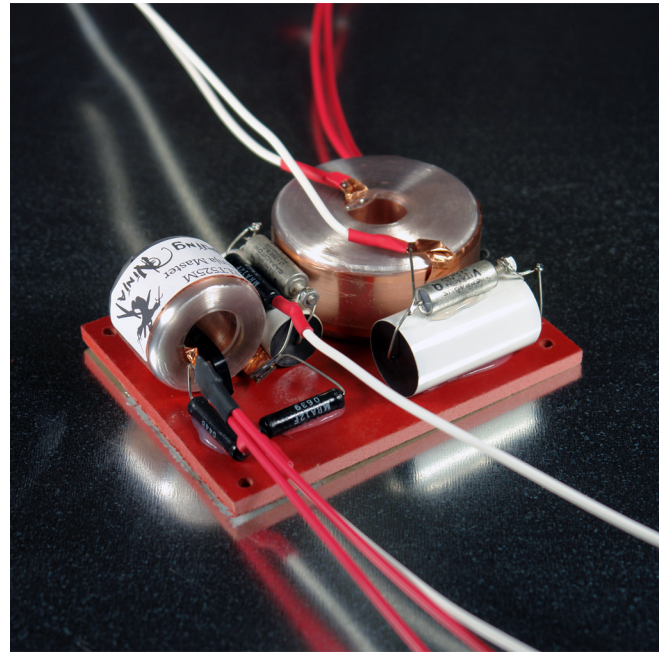


- 6 **L**ocate the positive binding post wire and the wire coming from IN+ on the new crossover.
- 7 **S**lide a RED piece of heat shrink tubing over one of the wires you will be joining. Strip ~1/4" of the jacket off the original wire. Next join the wires inside the copper connector as shown in the photo on the previous page and crimp down (*fig.1*). Pull on the wires to ensure you have a good mechanical connection.
- 8 **R**epeat for IN-. Be sure to use a BLACK piece of heat shrink tubing.
- 9 **G**rab that heat gun or hair dryer on high and shrink the tubing over the connection.
- 10 **R**e-install the tweeter by connecting the wires as you did for the binding posts.
- 11 **L**ocate the T+ and T- wires coming from the crossover. Join these wires just as you did with the IN+ and IN- wires. The larger tab on the tweeter indicates positive.
- 12 **S**ecure the new crossover in the speaker with the supplied silver SPAX screws. The holes will not line up from the previous installation however the SPAX screws are designed to grab even without pilot holes.
- 13 **L**ocate the two wires coming from the woofer. You will have to strip the wire ends as they were cut during disassembly. Next, join with copper connectors the woofer wiring to the W+ and W- wiring coming from the crossover. The larger tab on the woofer indicates positive.



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14 **R**einstall the woofer and secure with the original screws.

15 **N**ow to test. Form an equilateral triangle between yourself and the speakers. Play a piece of music with a strong vocal track. The voice should sound solid in between the two speakers. If it sounds diffuse (non-localized or non-specific) then one or more wires was connected incorrectly. Check your main speaker cables to ensure proper polarity. If they are correct, you wired the woofer or tweeter or both in reverse polarity in one of the speakers. For assistance in determining which driver is incorrect without opening your speaker, contact Skiing Ninja tech support.

16 **B**urn-in time: The components on the crossover network take ~50 hours to sound their best. Reserve your critical judgement until after a week or two of listening time to ensure optimum performance.

17 **E**njoy!

TOWER

18 **T**he only difference here is you have two woofers to connect versus one. They both receive the same signal so it does not matter which "W" wire is connected to which woofer - the only important part is that you attach with correct polarity - the W+ wire goes on the larger tab.

CENTER

19 **S**ame as the tower, the only difference here is you have two woofers to connect. Place the new crossover behind the left woofer. The wire leads are specifically sized short for the left woofer and long for the right.